ABSTRACT

A computer system including a first repeater and a second repeater that is coupled to the first repeater. The computer system also includes a third repeater that is coupled to the first repeater. The first repeater contains a first arbiter that arbitrates transactions

5   between the first repeater and the second repeater and also arbitrates transactions between the first repeater and the third repeater. The second repeater receives transactions from the first repeater and contains a second arbiter that predicts receipt of transactions from the first repeater to the second repeater.